

### AMENDMENT

This listing of claims will replace all prior versions and listings of claims in the Application:

#### **Listing of Claims:**

1-6. (canceled)

7. (previously presented) A medicament for the therapy of leucocytopenia, granulocytopenia, lymphocytopenia, thrombocytopenia, erythrocytopenia, for therapy in immunoglobulin deficiency conditions, or for cellular immunostimulation, said medicament containing an effective amount of putamen ovi made by the process comprising washing egg shells with purified water while stirring, said washing occurring at least at an ambient temperature; autoclaving said egg shells, said autoclaving separating egg shell components of a central palisade zone of said egg shells from an inner and outer shell membrane of said egg shell; drying said egg shells; and crushing said egg shells to a grain size of less than 0.1 mm.

8. (previously presented) A medicament for the stimulation of the metabolic performance of osteoblast-specific transcription factors, of the differentiation of precursor cells to osteoblasts, or for the stimulation of the provision of bone-specific alkaline phosphatase or collagens, or of osteopontin and osteocalcin, said medicament containing an effective amount of putamen ovi made by the process comprising washing egg shells with purified water while stirring, said washing occurring at least at an ambient temperature; autoclaving said egg shells, said autoclaving separating egg shell components of a central palisade zone of said egg shells from an inner and outer shell membrane of said egg shell; drying said egg shells; and crushing said egg shells to a grain size of less than 0.1 mm.

9. (previously presented) A medicament for treatment of a disorder selected from the group consisting of bone marrow development disorders, bone marrow dysfunctions and dyshematopoiesis, osteopenia, dental build-up disorders, spasmophilia, bone fractions, callus formation, calcium deficiency symptoms during growth, calcium deficiency symptoms during pregnancy, calcium deficiency symptoms during postmenopause, and calcium deficiency symptoms during nursing period, said medicament containing an effective amount of putamen ovi made by the process comprising washing egg shells with purified water while stirring, said

washing occurring at least at an ambient temperature; autoclaving said egg shells, said autoclaving separating egg shell components of a central palisade zone of said egg shells from an inner and outer shell membrane of said egg shell; drying said egg shells; and crushing said egg shells to a grain size of less than 0.1 mm, wherein the putamen ovi is in the form of putamen ovi pulvis and in extracted form by aqueous and/or organic and/or supercritical solvents, including carbon dioxide, as powder, granules, capsule, tablet, coated tablet, pastille (lozenge) or paste.

10-11. (canceled)

12. (previously presented) A method for the treatment of bone marrow development disorders, bone marrow dysfunctions and dyshematopoiesis, osteopenia, dental build-up disorders, spasmophilia, bone fractures, callus formation, calcium deficiency symptoms during growth, calcium deficiency symptoms during pregnancy, calcium deficiency symptoms during postmenopause, or calcium deficiency symptoms during nursing period, comprising administration of an effective amount of putamen ovi made by the process comprising washing egg shells with purified water while stirring, said washing occurring at least at an ambient temperature; autoclaving said egg shells, said autoclaving separating egg shell components of a central palisade zone of said egg shells from an inner and outer shell membrane of said egg shell; drying said egg shells; and crushing said egg shells to a grain size of less than 0.1 mm, to a patient, wherein the patient is suffering from  
organ and tissue damages caused by radiation, infections, or chemical damage  
bone and cartilage genesis disorder,  
disease of the locomotor system, the thymus, the spleen and the lymph nodes, the liver, the pancreas, or the kidneys,  
immunosuppressed conditions,  
hyperlipoproteinemia or  
hyperlipidemia.

13. (previously presented) A method according to claim 12, wherein said cellular immunostimulation, comprising increase in the cell numbers of one or more of leucocytes, thrombocytes, erythrocytes, polymorphonuclear granulocytes and lymphocytes, T, B, helper, suppressor and NK (natural killer) cells in the terminal vascular system, causes at least one of

(a) an increase of vital lymphocytes to be seen in the cortex zone and the follicles of Peyer's plaques (intestine), said increase in vital lymphocytes being accompanied by a secretory induction of secretory immunoglobulin A (sIgA) in the small intestine,

(b) an increase of all hematopoietic elements to be detectable in the bone marrow,

(c) a cellular stimulation of immunocompetent cells to be detectable in the thymus, spleen and mesenterial lymph nodes, or

(d) a clear activation of the metabolic functions of liver, pancreas and kidneys, including lowering of the serum values of creatinine, uric acid, glucose, bilirubin, cholesterol and triglycerides as well as GOT, GPT and GGT.

14-15. (canceled)

16. (previously presented) A method for the treatment of bone marrow development disorders, bone marrow dysfunctions and dyshematopoiesis, osteopenia, dental build-up disorders, spasmophilia, bone fractures, callus formation, calcium deficiency symptoms during growth, calcium deficiency symptoms during pregnancy, calcium deficiency symptoms during postmenopause, or calcium deficiency symptoms during nursing period, comprising administration of an effective amount of putamen ovi made by the process comprising washing egg shells with purified water while stirring, said washing occurring at least at an ambient temperature; autoclaving said egg shells, said autoclaving separating egg shell components of a central palisade zone of said egg shells from an inner and outer shell membrane of said egg shell; drying said egg shells; and crushing said egg shells to a grain size of less than 0.1 mm, to a patient, wherein the patient is suffering from primary or secondary disorders or damages of chondral or desmal ossification, of the bony substance with external Substantia corticalis and internal Substantia spongiosa as well as bone marrow due to a reduction of all hematopoietic cell forms due to a cytostatic or radiologic therapy or after radiation accidents, of the skeleton including osteocytes, intercellular substance with collagenous fibrils and calcified cement, or of bone metabolism including the function of osteoclasts and osteoblasts, and the balance between bone absorption and formation, wherein administration of putamen ovi stimulates the metabolic performance of osteoblast-specific transcription factors, or the differentiation of precursor cells to osteoblasts, or simulates the provision of bone-specific alkaline phosphatase, collagens, and of osteopontin and osteocalcin.

17. (previously presented) A method for cellular immunostimulation following immunosuppression after radiation or chemotherapeutic treatment, comprising administration of a medicament containing an effective amount of putamen ovi made by the process comprising washing egg shells with purified water while stirring, said washing occurring at least at an ambient temperature; autoclaving said egg shells, said autoclaving separating egg shell components of a central palisade zone of said egg shells from an inner and outer shell membrane of said egg shell; drying said egg shells; and crushing said egg shells to a grain size of less than 0.1 mm.
18. (canceled)
19. (withdrawn) A method for malignant tumor treatment, including the treatment of primary and secondary bone tumors with osteoclastic or osteolytic metastases, of tumor-like bone defects with intra-ossal space occupation, or for the treatment of bone cysts, comprising administration of a medicament according to claim 6 as an oral adjuvant, alone or in combination with cytostatic agents or radiation therapy.
20. (withdrawn) A method for the treatment of AIDS and diseases with suppressed immune system, comprising administration of a medicament according to claim 6 as an oral adjuvant, alone or in combination with cytostatic agents or radiation therapy.
21. (withdrawn) A method for increasing the tolerance for chemotherapy, cytostatic and radiologic therapies, for inhibiting the bone substance destruction due to diuresis and saluresis, or as an adjuvant of analgesia, comprising administration of a medicament according to claim 6.
22. (withdrawn) A method according to claim 21, wherein said medicament is administered in combination with chemically defined substances selected from cytostatic agents, such as cisplatin cyclophosphamide, methotrexate, fluorouracil, bleomycin, or diuretics, such as acetazolamide, hydrochlorothiazide, chlorothalidone, furosemide, amiloride, or as a pharmacological component of the positive influencing of interactions between the endocrine, nervous and immune systems.
23. (canceled)

24. (withdrawn) A method for the additive treatment of hyperlipoproteinemias, especially hypercholesterolemia and/or hypertriglyceridemi, comprising administration of a medicament according to claim 6.

25. (canceled)

26. (previously presented) A medicament according to claim 9, wherein putamen ovi preparations are employed together with mistletoe (*Viscum*) extracts, Echinacea extracts, including dry extracts (*E. pallida* and *E. angustifolia*), artichoke (*Cynara*) extracts and/or nettle (*Urtica*) extracts, including dry extracts from the roots, leaves or herbs, and with birch leave (*Betula*) extracts and with horsetail (*Equisetum*) extracts and with dandelion (*Taraxacum*) extracts, and/or with chemically defined diuretics/cytostatic agents, for the inhibition of bone demineralization and/or depression.